

Figure 1A

←Orf359

TGCCTCTCATTGAAGTATGATGGCTATTTGACACTATCCTTTACCCACGCTCAACAGTTT

5035 -----+-----+-----+-----+-----+-----+----- 5094

F2→

AATAACCTGCCAGCAATAAGGGATGTTGTTTAACTTAAGTCAAAAAATAGCGAATTTTC

5095 -----+-----+-----+-----+-----+-----+----- 5154

.....←P

CAACGAACAAAAGCTAAATATCGCAAAAACCTCAGTAAAAATCTTGCTGGAGCTATTATTG

5155 -----+-----+-----+-----+-----+-----+-----

Q13 TAG

+mRNA→ CTAG V20 Blr→

CTAAGTAACATTTACCCCCTGAAGTTAATGGATCAATCAAGAGAGATGTGGGCTGTAATG

5215 -----+-----+-----+-----+-----+-----+----- 5274

L24 L39

TAG TAG

AATCGTCTTATTGAATTAACAGGTTGGATCGTTCTTGTCGTTTCAGTCATTCTTCTTGGC

5275 -----+-----+-----+-----+-----+-----+----- 5334

N R L I E L T G W I V L V V S V I L L G

↓ ←R3

GTGGCGAGTCACATTGACAACTATCAGCCACCTGAACAGAGTGCTTCGGTACAACACAAG

5335 -----+-----+-----+-----+-----+-----+----- 5394

V A S H I D N Y Q P P E Q S A S V Q H K

Figure 1B

←R2

TAAGCTCTGCACTTGTGGAGCGACATGCTGCCCGTCCGGGTGCATGTTTTCACTTGTCGG

5395 -----+-----+-----+-----+-----+-----+----- 5454

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←R1 P→.....

ATATTAAACCAGGAATTTATTATCTTGTTCGATGTTGTTGGTGATTGTCAGGGATAGTAA

5455 -----+-----+-----+-----+-----+-----+----- 5514

5395 5454 5514